

## ABSTRACT

A vacuum hose having a bent or offset structural support means such as a bent rod attached or mounted to a flexible segment of vacuum hose in such a way so as to cause the vacuum hose suction end to move or track in a circular motion parallel to the motion of the bent or offset structural support when it is rotated. A power source such as a hydraulic motor, air motor, DC or AC motor or combustion engine may be used to rotate the bent or offset structural support means. The purpose of causing the suction end of a vacuum hose to move or track in an offset circular motion beyond the center axis of the hose is to increase the area in which the suction end of the hose is in communication. For example, an 8 inch diameter end of a vacuum hose lowered to the surface of the ground would vacuum an area of approximately 8 inches in diameter, but if the center axis of the hose was offset by 8 inches the diameter of the area in contact with the end of the vacuum hose increases to 16 inches in diameter as the hose travels in a circular motion.